

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keisuke Miyagawa et al.                      Art Unit : Unknown  
Serial No. : New Application                              Examiner : Unknown  
Filed : October 31, 2003  
Title : DISPLAY DEVICE AND CONTROLLING METHOD THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants submit the references listed on the attached form PTO-1449.

Submitted herewith is an English translation of the following foreign language reference,  
or portions thereof:

Desig. ID	Source
AL	Japan 2002-108285 (04/10/2002); English Language Abstract; <i>Inpadoc/Fam. &amp; Legal Stat</i> ; File 203; Accession No. 17759247; 2003; <b>Family:</b> U.S. Patent Publication No. 2002/0047568 (Desig. ID AF)

This statement is being filed with the application. Accordingly, only a copy of the  
foreign patent document is enclosed. Please apply any charges or credits to Deposit Account No.  
06-1050.

Respectfully submitted,

Date: October 31, 2003

  
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Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-172001	Application No. New Application
	Applicant Keisuke Miyagawa et al.		
	Filing Date October 31, 2003	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US 2002/0011978 A1	01/31/2002	Yamazaki et al.			06/04/2001
	AB	US 2002/0027229 A1	03/07/2002	Yamazaki et al.			06/11/2001
	AC	US 2002/0033783 A1	03/21/2002	Koyama			09/07/2001
	AD	US 2002/0044208 A1	04/18/2002	Yamazaki et al.			08/08/2001
	AE	US 2002/0047550 A1	04/25/2002	Tanada			09/18/2001
	AF	US 2002/0047568 A1	04/25/2002	Koyama			07/23/2001
	AG	US 2002/0180672 A1	12/05/2002	Yamazaki et al.			07/16/2002
	AH	US 2003/0132716 A1	07/17/2003	Yamazaki et al.			01/21/2003
	AI						
	AJ						
	AK						
	AL						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AM	2002-108285	04/10/2002	JAPAN			ABS	
	AN							
	AO							
	AP							
	AQ							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AR	
	AS	
	AT	
	AU	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat

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17759247

Basic Patent (No,Kind,Date): JP 2002108285 A2 20020410 <No. of Patents:  
002>

**DRIVE METHOD FOR DISPLAY DEVICE (English)**

Patent Assignee: SEMICONDUCTOR ENERGY LAB

Author (Inventor): KOYAMA JUN

IPC: \*G09G-003/30; G09F-009/30; G09G-003/20; H05B-033/08; H05B-033/12;  
H05B-033/14

Language of Document: Japanese

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
JP 2002108285	A2	20020410	JP 2001224422	A	20010725 (BASIC)
US 20020047568	AA	20020425	US 911156	A	20010723

Priority Data (No,Kind,Date):

JP 2001224422 A 20010725

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